

Ultra-miniature digital hand-held recorder.

Designed for high quality audio recordings in the most hostile environments. Clearly indicated and well laid-out keys make simple one-handed operation easy.

Packed with features, and totally menu driven the ARES-M II offers state-of-the-art technology in a reliable format.



# ARES-M II

## NEW FEATURES

- Built-in 2 GB Memory & USB 2.0

## OTHER FEATURES

- Clip-on external AND built-in microphones
- Linear PCM, MPEG 1 Layer II & III G729, A-law,  $\mu$ -law recording formats
- On-board audio editor
- Simple operation
- Comes complete with carrying case, Stereo plug-on microphone with windshield, Mono dynamic microphone cable, mini USB cable, AC power supply including EU / UK / US adapters and batteries, operating manual

The 2 GB memory offers up to 144 hours of recording time.

Ideal for journalists, lawyers, businessmen, sports reporters or any other occupation where simple high quality audio is needed.

## SPECIFICATIONS

### GENERAL

<u>Data Storage medium</u>	<u>Built-in 2GB memory</u>
<u>Recording Method</u>	<u>Digital (PCM) or Digital compression</u>
<u>Compression type</u>	<u>ISO MPEG Layer II</u>
<u>A/D &amp; D/A, PCM, MPEG conversion</u>	<u>24 bit Philips UDA1380</u>
<u>File Format</u>	<u>16 Bit Wave Format (xxx.WAV) or MPEG Raw (xxx.MP2)</u>
<u>Sampling Rate</u>	<u>From 8 to 48 kHz</u>
<u>Bit-Rates</u>	<u>32 to 384 kb/s</u>
<u>Mono/Stereo</u>	<u>Switchable</u>
<u>Recording Capacity</u>	<u>2 hour 52 minutes Stereo 48 kHz PCM</u> <u>69 hours 26 minutes Mono 48 kHz, 64 kb/s</u>
<u>Dynamic Range Adjustment</u>	<u>50 dB for 0 dB record</u>
<u>Filters</u>	<u>"Flat", "LFA"</u>
<u>Automatic Gain Control</u>	<u>"ON", "OFF"</u>

### INPUTS

<u>Built-in Mike</u>	<u>Electret Mono Omni-directional</u>
<u>Mike Inputs</u>	<u>3.5 mm stereo jack connector</u>
<u>Mike Powering</u>	<u>3V Electret</u>
<u>Mike Input Sensitivity</u>	<u>Minimum 1.5 mV for full scale</u>
<u>Line Input</u>	<u>3.5 mm stereo jack connector</u>
<u>Line Input Sensitivity, Low &amp; High Range</u>	<u>33 mV to 6.2 V for 0 dB recording</u>

### OUTPUTS

<u>Headphone</u>	<u>3.5 mm stereo jack connector</u>
<u>Line Output</u>	<u>3.5 mm stereo jack connector</u>
<u>Line Output Level</u>	<u>Maximum 0.9 V</u>
<u>THD at 1 kHz</u>	<u>0.1 %</u>
<u>Frequency Response</u>	<u>30 Hz – 20 kHz (-3 dB in EE mode)</u>
<u>Total Dynamic Range Line Output</u>	<u>Up to 80 dB</u>
<u>Total Dynamic Range On Recorded File</u>	<u>Up to 90 dB</u>
<u>Built-in Speaker</u>	<u>0.1 W</u>
<u>USB</u>	<u>V2.0</u>

### POWER SUPPLY

<u>Internal Batteries</u>	<u>2 x "AA" cells (&gt; 10 hours of operation)</u>
<u>Consumption</u>	<u>3 V, maximum 100 mA</u>

### PHYSICAL

<u>Dimensions</u>	<u>125 x 53 x 23 mm (5 x 2 x 1 inch) without plug-on mike</u>
<u>Weight</u>	<u>150 g, (0.33 lb) including batteries, without plug-on mike</u>



Optional high quality  
Mono omni-directional  
Plug-on microphone



Optional high quality  
Stereo cardioid  
Plug-on microphone

**For: Journalism - Sound effects - Wild life – Music - and more ...**